

#4

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/534,544
Source: PGT/10
Date Processed by STIC: 5/19/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005

TIME: 10:37:49

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05182005\J534544.raw

3 <110> APPLICANT: Pietrokovski, Shmuel
 4 Amitai, Gil
 6 <120> TITLE OF INVENTION: CHIMERIC AUTOPROCESSING POLYPEPTIDES AND USES THEREOF
 8 <130> FILE REFERENCE: 29489
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/534,544
 C--> 10 <141> CURRENT FILING DATE: 2005-05-10
 10 <160> NUMBER OF SEQ ID NOS: 109
 12 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

7105 <210> SEQ ID NO: 109
 7106 <211> LENGTH: 541
 7107 <212> TYPE: PRT
 7108 <213> ORGANISM: artificial sequence
 7110 <220> FEATURE:
 7111 <223> OTHER INFORMATION: MBP-PsyBIL carboxy terminal cleavage product
 7113 <400> SEQUENCE: 109
 7115 Met Lys Thr Glu Glu Gly Lys Leu Val Ile Trp Ile Asn Gly Asp Lys
 7116 1 5 10 15
 7119 Gly Tyr Asn Gly Leu Ala Glu Val Gly Lys Lys Phe Glu Lys Asp Thr
 7120 20 25 30
 7123 Gly Ile Lys Val Thr Val Glu His Pro Asp Lys Leu Glu Glu Lys Phe
 7124 35 40 45
 7127 Pro Gln Val Ala Ala Thr Gly Asp Gly Pro Asp Ile Ile Phe Trp Ala
 7128 50 55 60
 7131 His Asp Arg Phe Gly Gly Tyr Ala Gln Ser Gly Leu Leu Ala Glu Ile
 7132 65 70 75 80
 7135 Thr Pro Asp Lys Ala Phe Gln Asp Lys Leu Tyr Pro Phe Thr Trp Asp
 7136 85 90 95
 7139 Ala Val Arg Tyr Asn Gly Lys Leu Ile Ala Tyr Pro Ile Ala Val Glu
 7140 100 105 110
 7143 Ala Leu Ser Leu Ile Tyr Asn Lys Asp Leu Leu Pro Asn Pro Pro Lys
 7144 115 120 125
 7147 Thr Trp Glu Glu Ile Pro Ala Leu Asp Lys Glu Leu Lys Ala Lys Gly
 7148 130 135 140
 7151 Lys Ser Ala Leu Met Phe Asn Leu Gln Glu Pro Tyr Phe Thr Trp Pro
 7152 145 150 155 160
 7155 Leu Ile Ala Ala Asp Gly Gly Tyr Ala Phe Lys Tyr Glu Asn Gly Lys
 7156 165 170 175
 7159 Tyr Asp Ile Lys Asp Val Gly Val Asp Asn Ala Gly Ala Lys Ala Gly
 7160 180 185 190

P2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005

TIME: 10:37:50

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05182005\J534544.raw

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7163 Leu Thr Phe Leu Val Asp Leu Ile Lys Asn Lys His Met Asn Ala Asp
7164      195      200      205
7167 Thr Asp Tyr Ser Ile Ala Glu Ala Ala Phe Asn Lys Gly Glu Thr Ala
7168      210      215      220
7171 Met Thr Ile Asn Gly Pro Trp Ala Trp Ser Asn Ile Asp Thr Ser Lys
7172 225      230      235      240
7175 Val Asn Tyr Gly Val Thr Val Leu Pro Thr Phe Lys Gly Gln Pro Ser
7176      245      250      255
7179 Lys Pro Phe Val Gly Val Leu Ser Ala Gly Ile Asn Ala Ala Ser Pro
7180      260      265      270
7183 Asn Lys Glu Leu Ala Lys Glu Phe Leu Glu Asn Tyr Leu Leu Thr Asp
7184      275      280      285
7187 Glu Gly Leu Glu Ala Val Asn Lys Asp Lys Pro Leu Gly Ala Val Ala
7188      290      295      300
7191 Leu Lys Ser Tyr Glu Glu Glu Leu Ala Lys Asp Pro Arg Ile Ala Ala
7192 305      310      315      320
7195 Thr Met Glu Asn Ala Gln Lys Gly Glu Ile Met Pro Asn Ile Pro Gln
7196      325      330      335
7199 Met Ser Ala Phe Trp Tyr Ala Val Arg Thr Ala Val Ile Asn Ala Ala
7200      340      345      350
7203 Ser Gly Arg Gln Thr Val Asp Glu Ala Leu Lys Asp Ala Gln Thr Asn
7204      355      360      365
7207 Ser Ser Ser Asn Asn Asn Asn Asn Asn Asn Asn Asn Asn Leu Gly Ile
7208      370      375      380
7211 Glu Gly Arg Ile Ser Glu Phe Gly Ser Cys Phe Ala Ala Gly Thr Met
7212 385      390      395      400
7215 Val Ser Thr Pro Asp Gly Glu Arg Ala Ile Asp Thr Leu Lys Val Gly
7216      405      410      415
7219 Asp Ile Val Trp Ser Lys Pro Glu Gly Gly Gly Lys Pro Phe Ala Ala
7220      420      425      430
7223 Ala Ile Leu Ala Thr His Ile Arg Thr Asp Gln Pro Ile Tyr Arg Leu
7224      435      440      445
7227 Lys Leu Lys Gly Lys Gln Glu Asn Gly Gln Ala Glu Asp Glu Ser Leu
7228      450      455      460
7231 Leu Val Thr Pro Gly His Pro Phe Tyr Val Pro Ala Gln His Gly Phe
7232 465      470      475      480
7235 Val Pro Val Ile Asp Leu Lys Pro Gly Asp Arg Leu Gln Ser Leu Ala
7236      485      490      495
7239 Asp Gly Ala Ser Glu Asn Thr Ser Ser Glu Val Glu Ser Leu Glu Leu
7240      500      505      510
7243 Tyr Leu Pro Val Gly Lys Thr Tyr Asn Leu Thr Val Asp Val Gly His
7244      515      520      525
7247 Thr Phe Tyr Val Gly Lys Leu Lys Thr Trp Val His Asn
7248      530      535      540

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E--> 7259 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005

TIME: 10:37:51

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05182005\J534544.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
 L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:32
 M:341 Repeated in SeqNo=8
 L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:32
 M:341 Repeated in SeqNo=9
 L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32
 M:341 Repeated in SeqNo=10
 L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
 M:341 Repeated in SeqNo=11
 L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32
 M:341 Repeated in SeqNo=12
 L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32
 M:341 Repeated in SeqNo=13
 L:530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32
 M:341 Repeated in SeqNo=14
 L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
 M:341 Repeated in SeqNo=15
 L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
 M:341 Repeated in SeqNo=16
 L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
 M:341 Repeated in SeqNo=17
 L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:32
 M:341 Repeated in SeqNo=18
 L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:32
 M:341 Repeated in SeqNo=19
 L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:32
 M:341 Repeated in SeqNo=20
 L:1004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
 M:341 Repeated in SeqNo=21
 L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:32
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 L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:32
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 L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:32
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 L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32
 M:341 Repeated in SeqNo=25
 L:1326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:32
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 L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:32
 M:341 Repeated in SeqNo=27
 L:1456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:32
 M:341 Repeated in SeqNo=28
 L:1530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:32
 M:341 Repeated in SeqNo=29
 L:1596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:32
 M:341 Repeated in SeqNo=30

VERIFICATION SUMMARY

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TIME: 10:37:51

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05182005\J534544.raw

L:1662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:32
M:341 Repeated in SeqNo=31
L:1726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:32
M:341 Repeated in SeqNo=32
L:7259 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:109